

## XP-002233955

AN - 1984-065833 [11]  
A - [001] 014 032 034 04- 074 081 397 436 52& 54& 609 678 688  
AP - JP19820121933 19820713  
CPY - NIAS  
DC - A81 L02 Q65 Q77  
DR - 1544-U 1694-U  
FS - CPI;GMPI  
IC - C04B29/02 ; C09K3/10 ; F16J15/10 ; F27D1/00  
KS - 0009 0231 0486 0487 2504 2682 3314 3316  
MC - A12-W12 L02-E  
PA - (NIAS ) NICHIAS CORP  
PN - JP59021565 A 19840203 DW198411 003pp  
PR - JP19820121933 19820713  
XA - C1984-028253  
XIC - C04B-029/02 ; C09K-003/10 ; F16J-015/10 ; F27D-001/00  
XP - N1984-049558  
AB - J59021565 Pref. ceramic fibre, alumina fibre and/or silica fibre are used as the heat-resistant inorganic fibre. Pref. binder is organic. e.g. rubber latex and emulsion of acrylic acid resin or inorganic e.g. colloidal silica and colloidal alumina. Packing is pref. prepd. by wet machining. Used e.g. to fill the gap between radiant tubes and the furnace wall of a continuous annealing furnace. It does not cause thermal contraction at high temp. (i.e. reopening of the gap or falling out of furnace wall at high temps. does not occur.)  
- In an example, a mixt. comprising 75 wt.% ceramic fibre, 20 wt.% unexpanded vermiculite grains and 5 wt.% (in terms of solid material) emulsion of acrylate ester resin was dispersed in water, and formed into a sheet 15 mm thick and of density 0.25 g/cm<sup>3</sup> by a wet machine method.(0/1)  
AW - RUBBER LATEX POLYACRYLIC ACID COLLOID SILICA ALUMINA  
AKW - RUBBER LATEX POLYACRYLIC ACID COLLOID SILICA ALUMINA  
IW - SHEET FORM PACK INDUSTRIAL FURNACE COMPRISE WEIGHT PER CENT HEAT RESISTANCE INORGANIC FIBRE WEIGHT PER CENT UNEXPANDED VERMICULITE GRAIN BIND  
IKW - SHEET FORM PACK INDUSTRIAL FURNACE COMPRISE WEIGHT PER CENT HEAT RESISTANCE INORGANIC FIBRE WEIGHT PER CENT UNEXPANDED VERMICULITE GRAIN BIND  
NC - 001  
OPD - 1982-07-13  
ORD - 1984-02-03  
PAW - (NIAS ) NICHIAS CORP  
TI - Sheet-form packing for industrial furnace - comprising 70-95 wt. per cent heat resistant inorganic fibre, 5-30 wt. per cent unexpanded vermiculite grains, and binder